



2021 PROMOTION EXERCISE CURRICULUM VITAE

I

- | | | |
|----|------------------------------|---|
| a. | <u>Name:</u> | Adenike Temitayo <u>Adeniji-sofoluwe</u> |
| b. | <u>Date of Birth:</u> | 30 July, 1973 |
| c. | <u>Department:</u> | Radiology |
| d. | <u>Faculty:</u> | Clinical Sciences |

II.

- | | | |
|----|--|---------------------------|
| a. | <u>First Academic Appointment:</u> | Lecturer I |
| b. | <u>Present Post(with date):</u> | Reader (01 October, 2018) |
| c. | <u>Date of Last Promotion:</u> | 01 October, 2018 |
| d. | <u>Date Last Considered (in cases where promotion was not through):</u> | Not applicable |

III. **University Education (with dates)**

- | | | |
|----|--|-------------|
| a. | University of Calabar | 1989 - 1997 |
| b. | University of Nottingham, United Kingdom | 2011 - 2012 |

IV. **Academic Qualifications (with dates and granting bodies)**

- | | | |
|----|--|------|
| a. | M.B; BCh (Bachelor of Medicine and Bachelor of Surgery) University of Calabar | 1997 |
| b. | MSc. (Molecular Genetics and Diagnostics) University of Nottingham, United Kingdom | 2012 |

V. **Professional Qualifications and Diplomas (with dates)**

- | | | |
|----|-----------------------------------|--|
| a. | FWACS Radiology | 2006 West African College of Surgeons |
| b. | FMCR (Nigeria) Radiology | 2006 National Postgraduate Medical College of Nigeria |
| c. | MD (Doctor of Medicine) RADIOLOGY | 2022 National Postgraduate Medical College, Nigeria |

VI. **Scholarships, Fellowships and Prizes (with dates) in respect of Undergraduate and Postgraduate work only.)**

- | | | |
|----|--|------|
| a. | Professor S.B Lagundoye prize for the best candidate in the part II dissertation of the FMCR examination | 2006 |
| b. | Recipient of Travel Fellowship Scheme Grant organised by the National Postgraduate Medical College of Nigeria to attend Piramal diagnostics/ Jankharia | 2007 |

Imaging a High end Radiology Imaging centre in Mumbai India for training in Breast imaging co-sponsored by the University College Hospital

- c. Recipient of Clinician Educator Development Programme CEDP, Grant of \$1000 2011 to attend the CEDP programme during the American Roentgen Ray Society (ARRS) annual conference at the Hyatt Regency Chicago, Illinois USA
- d. Recipient of National Institute of Health NIH scholarship to attend the NCI 2014 Summer Curriculum in Cancer Prevention; Molecular Prevention course, organised by the National Institute of Health, Bethesda USA.
- e. Recipient of American Austrian Foundation Open Medical Institute AAF/OMI 2014 travel scholarship to attend the Weill Cornell Seminar in “Diagnostic Imaging” at Salzburg, Austria.
- f. Recipient of Grant from the College Research and Innovation Management Unit 2015 (CRIM), College of Medicine, University of Ibadan, Nigeria to conduct translational research titled Evaluation of DNA Methylation Profiles by Reduced Representation Bisulfite Sequencing (RRBS) In Newly Diagnosed Breast Cancer Patients in Ibadan Nigeria –EMPIRiC (CTR16A00-9)
- g. Recipient Visiting Scholar Program with training in Breast Cancer risk 2016 assessment and Breast MRI evaluation at the University of Chicago, Illinois USA.

VII. Honours, Distinctions and Membership of Learned Society:

- a. Best House Officer of the Year, Gwagwalada Specialist Hospital, Abuja Nigeria 1998
- b. Member, Nigerian Medical Association (NMA) 2003
- c. Member, Radiological Society of North America (RSNA) 2003
- d. Chief Resident, Department of Radiology, University College Hospital, Ibadan Nigeria 2005
- e. Member, Medical and Dental Consultants Association of Nigeria (MDCN) 2006
- f. Member, Ibadan Multi-disciplinary breast tumour board (MDT), UCH, Nigeria 2006
- g. Member, Medical Women’s Association of Nigeria (MWAN) 2007
- h. Member, Medical Women’s International Association (MWIA) 2007
- i. Member, Association of Radiologists in Nigeria (ARIN) 2007
- j. Member, Association of Radiologists of West Africa (ARAWA) 2007
- k. Member, West African Medical Ultrasound Society (WAMUS) 2007
- l. Member, Breast Cancer association of Nigeria Faculty (BRECAN) 2008
- m. Treasurer, Oyo state chapter, Nigerian Medical Association (NMA) 2008
- n. Member, African Organisation for Research and training in cancer (AORTIC) 2009
- o. Member, European Society of Radiology (ESR) 2009
- p. NMA (Oyo State Branch) Merit Award as the treasurer of the association. 2010
- q. Member, ARRS Education Evaluation Subcommittee-Breast Imaging section. 2012
- r. Member, American Roentgen Ray Society (ARRS). 2012
- s. Member, European Society of Breast Imaging (EUSOBI) 2013
- t.

- | | | |
|----|---|------|
| | Secretary, Oyo state chapter, Medical Women's Association of Nigeria (MWAN) | 2013 |
| u. | Member, American Association of Women Radiologist (AAWR) | 2016 |
| v. | Member, American Association for Cancer Research (AACR). | 2016 |
| w. | Member, American Society of Clinical Oncology (ASCO). | 2018 |

VIII. Details of Teaching/Work Experience :

a. **Undergraduate:**

- i. Didactic teaching of Clinico-Radiological topics to Undergraduate Medical Students-
1) Teaching introductory lectures and tutorials in Radiology to 300- level Medical Students. 2) Teaching Respiratory/ Chest Radiology to medical students during the Junior Paediatric posting and general radiology to 400 level Medical Students during the (Block) Special postings.
- ii. Demonstration of Radiological Procedures and techniques to Undergraduate Medical students in the areas of General Ultrasonography, mammography, Fluoroscopy, Angiography, Computerised Tomography Scan, Magnetic Resonance Imaging , as well as Routine and contrast Radiography.
- iii. Teaching of appropriate Radiology topics to Dental, Physiotherapy and Nursing students at their Clinical posting level and demonstrate Principles of Radiology to 400 level Physiotherapy students during the Radiology posting.
- iv. Conducting Tutorials on Clinico-radiological interpretation- on topics related to all aspects of Radiology including Chest and respiratory Radiology, cardiovascular radiology, interventional radiology, Musculo-Skeletal and Small Parts radiology in addition.
- v. Supervision of Term Papers by Final year Medical Students during the Radiology II posting.
- vi. Examiner- 1) Representative of the department of Radiology on the examination committee in the final MBBS surgery examinations. 2) Development of OSCE and oral examination components of the BDS and MBBS final examinations.

b. **Postgraduate:**

- i. Teaching of the pioneer postgraduate students of the MSc. in Radiology programme.
- ii. Teaching and Training and preparing Resident Doctors in Radiology department and other specialties rotating through the department of Radiology by practical demonstrations for the Fellowship examinations in West African College of Surgeons, and National postgraduate Medical College.
- iii. Resource Person- Lectures were given during update and revision courses in Radiology which were organised by the West African postgraduate Medical colleges as well as film demonstration sessions in Radiology during the update courses in other specialties like Internal Medicine, Family Medicine, Ophthalmology and Physiotherapy.
- iv. Other academic activities- 1) Supervision and participation in weekly intradepartmental and 2) Inter-departmental Postgraduate Radiology seminars and special Radiology teaching sessions.
- v. Invigilator- Faculty of Radiology of the West African college of Surgeons (2007-2014)

- vi. Examiner- Part I fellowship examinations of the Faculty of Radiology of the West African college of Surgeons (2016 till date).
 - vii. Supervision of Postgraduate Projects- Candidates from various departments for the Fellowship of the WACS and NPMC and MPhil /PhD from University of Ibadan have been supervised/ co-supervised: 1) Six (6)- completed 2) Three (3)- In Progress
- c. **Administrative Duties:**
- i. The current departmental coordinator for undergraduate training. My responsibilities include making specialty lecture, small group discussion and clinical demonstration rotas, handling all medical students posting related activities including the end of posting assessments.
 - ii. Departmental: Member of several departmental committees (Education programme, departmental post-graduate, disciplinary, monitoring and evaluation) within the department of Radiology.
 - iii. A. University: a) Congregation representatives on senate, boards and committees, University of Ibadan (2020-2022). b) Chairman, Network Sub-committee on IT and Media Services; ITeMS Board, University of Ibadan (2020-2022) B. College of Medicine: Chairman, College of Medicine CoMUI ICT committee (2020-2022). C. Department: a) The immediate past departmental coordinator for undergraduate training. My responsibilities include making specialty lecture, small group discussion and clinical demonstration rotas, handling all medical students posting related activities including the end of posting assessments. b) Member of several departmental committees (education program, departmental post-graduate, disciplinary, monitoring and evaluation) within the department of radiology.
- d. **Community Service:**
- i. Within the University The community services rendered within the University community are highlighted: 1) As University faculty, I have functioned as a reviewer of proposals for the Institute for Advanced Medical Research and Training, IAMRT COM UI. 2) I also functioned as co-facilitator of the session on 'Health Technology and related areas' at the iResearch 2018 College research fair, University of Ibadan. 3) Breast Cancer Awareness to the Female Hostels and Abadina community (since 2009-2018) as part of Pink Month activities of the Ibadan Multidisciplinary Breast Cancer Tumour Board (MDT) In collaboration with the UI women's society and activities to mark the UI 70th Anniversary celebration.
 - ii. Without the University The community services rendered without the University community are highlighted: 1) Delivery of lectures: on preselected topics at update courses organised by various bodies such as the West African College of Surgeons and Physicians. Breast cancer lectures have also been delivered a. at ZONTA annual meeting Oyo state chapter Ibadan (2015); b. the investiture of the Breast Cancer association of Nigeria, BRECAN, Oyo state chapter Ibadan (2017); c. branch of the Nigerian Bar Association, NBA law week event (2017); d. 'Omada Idachaba's Breast Cancer Outreach program' (2017); e. The Ibadan golf Club cancer awareness tournament (2018). 2) Professional Society Leadership Activities: a. Treasurer, Oyo state chapter, Nigerian Medical Association, NMA from 2008-2010 and received a merit award for outstanding performance of my duties. b. Secretary, Oyo state chapter, Medical Women's Association of Nigeria, MWAN from 2013-2015 as well as the current newsletter editor, Oyo state chapter, MWAN, 2017-2019 biennium. c. Member of the electoral committee for the office of the DCMAC, Research and Ethics by the UCH branch of the Medical and Dental Consultants' Association of Nigeria, MDCAN (2017). 3) Peer reviewer of Articles in Journals a. African journal of Primary Health

Care and Family Medicine-2011 b. British Medical Journal BMJ Case Reports -2012-date c. West African Journal of Radiology -2014-date d. DOKITA Journal of the University of Ibadan Medical Students Association-2017 4) Organisation of Symposia and Workshops: a. LOC of the Ibadan Multidisciplinary Breast tumour board 'Pink Month' activities since 2008. b. LOC for several symposia such as the 'MWAN Root' ; and c. Course Coordinator, faculty of Radiology, WACS update course on 'Women Imaging' which held in July 2018. d. Member, of the ARRS Education Evaluation Subcommittee-Breast Imaging section 2012-2015. 5) Breast cancer awareness lectures and outreach services have been provided at different fora such as Tertiary institutions (University and Polytechnics), Secondary schools, Shopping malls, market places and churches.

IX. Research

a. **Completed**

- i. 10-Year review of ultrasonographic findings of scrotal diseases in Ibadan, South Western, Nigeria.
- ii. Breast MRI in Young Women with Breast Cancer: Tumor Imaging and Phenotypic Features.
- iii. Abdominal ultrasound and CT in blunt Trauma Evaluation.
- iv. Chest X-ray findings in MDR TB; Baseline and Follow-up.
- v. Diagnostic Breast Ultrasound: Clinical, Radiologic and Pathologic Findings
- vi. The Influence of Hormonal and HER 2 Receptor Status on Breast Cancer Response to CMF Chemotherapy in Nigeria. Modified title: Assessing the REsponse rate of weekly neo-adjuvanT pacliT Axel (Taxol) in Nigerian women with breast cancer (ARETTA).

b. **In Progress**

- i. Breast cancer screening with whole breast ultrasound in women in Ibadan south west Nigeria.

The aim of this report is to describe our experience with whole breast ultrasound in Ibadan, highlighting its clinical utility as a breast imaging modality in a poor health resource country like Nigeria. Its sensitivity in detecting breast lesions and correlation of ultrasound findings with histo-pathological reports will also be documented. The prospective study being carried out on women who have whole breast ultrasound done in the department of radiology, U.C.H; Ibadan commenced in 2006. Data is still being collected.

- ii. Benign Breast lesions: clinical, sonographic and pathologic correlation.

This is a prospective, longitudinal study of all consecutive patients with clinically diagnosed benign breast lumps that attend the outpatients' clinics of the Division of Oncology, University College Hospital, Ibadan. The overall objective of the study is to determine the epidemiology of benign breast lumps in Ibadan, Nigeria and to formulate management protocol for benign breast lumps in Ibadan, Nigeria. Each patient will be followed up for a minimum of two years and a maximum of 5 years on the study. IRB approval has been obtained and study commenced in 2012 and is on-going.

- iii. Evaluation of DNA Methylation Profiles in Newly Diagnosed BReast Cancer Patients in Ibadan Nigeria (EMPiRiC): Initial Findings.

A prospective, case-control study carried out at the University College Hospital, Ibadan, Nigeria. Ninety-one newly diagnosed breast cancer cases and 40 controls were selected by convenience sampling. All 91 cases and 40 controls had blood collected for DNA extraction. Seventy-two cases had breast tumour samples collected from core needle biopsies and mastectomy specimens for DNA extraction in UCH, while 4 cases had their biopsy specimen collected outside of UCH (tissue blocks retrieved). Pathologic assessment of breast cancer tumour samples from 76 cases were evaluated for histological type, SBR grade and score. Immunohistochemistry was performed for hormone receptor status in only 76 cases. DNA was extracted from whole blood (in cases and controls) and from tumour samples (in 76 cases) using Qiagen kits. Bio and socio-demographic data was obtained from cases and controls. At

this stage of the study, only preliminary socio-demographic results and pathology results are available. We will draw our conclusion when all parts of the study are completed; the Bisulphite conversion and DNA methylation process are yet to be completed for analysis of results.

c. **Project, Dissertation and Thesis**

- i. The prevalence of diarrheal disease in children under 5 years in Calabar, Municipality. (1997) : A project submitted in partial fulfilment to the College medical sciences University of Calabar, Nigeria for the award of M.B;BCh. degree.
- ii. Determination of the Dimensions of Ventricular Size of Normal neonates Using Transfontanelle Ultrasonography in the University College Hospital Ibadan –A one year study. (2006): A dissertation submitted to the National Postgraduate College.
- iii. Polyadenylation as a Target in cancer. (2012): A dissertation submitted in partial fulfilment to the school of Molecular Medical sciences, University of Nottingham for the award of MSc. In Molecular Genetics and Diagnostics.

X. Publications

a. **Books already published: Nil**

b. **Chapters in books already published: Nil**

c. **Articles that have already appeared in Refereed Conference Proceeding:**

1. Sigbeku, O.F. , Kolude, B.M. , **Adeniji-sofoluwe, A.T.** and Adeosun, A.A. (2015). Correlation Of Clinical And Radiological Tnm Stages Of Head And Neck Cancers At Uch Ibadan. and Lingen, M.W. (Ed). Xxiii Congresso Brrasileiro De Estomastologia E Patologia Ora : Brazilian Congress of Stomatology and Oral Pathology London : *Elsevier Science*. 213 pp. (United Kingdom) (Contribution : 40%).
2. Pitt, J.J. , Yoshimatsu, T.F. , Zheng, Y. , Grundstad, J. , Tuteja, J. , Wang, J. , Odetunde, A. , Khramtsova, G. , Clayton, W. , Ademola, A.F. , Ogundiran, T.O. , **Adeniji-sofoluwe, A.T.** , Obajimi, M.O. , Adeoye, A.O. , Babalola, C.P. , Ojengbede, O.A. , Olopade, C.O. , Olayiwola, A.O. , Chen , L. , Huo,D. , White, K.P. and Olopade, O.I. (2016). Whole Genome Sequencing Reveals Different Patterns Of Mutational Mechanisms In Breast Tumors Between Women Of African And European Descent. and (Ed). 107th Annual Meeting Of The American Association For Cancer Research : American Association for Cancer Research Philadelphia : *American Association for Cancer Research*. 4494-5293 pp. (United States Of America) (Contribution : 35%).
3. **Adeniji-sofoluwe, A.T.** and Obajimi, M.O. (2017). Harnessing Technology To Leapfrog In Breast Cancer Diagnosis And Management. and . (Ed). 11th International Conference On Cancer In Africa. Making Strides; Creating Solutions : African Organization for Research and Training in Cancer. Rondebosch : *African Organisation for Research and Training in Cancer (AORTIC)*. 21 pp. (South Africa) (Contribution : 80%).
4. Odedina, S.O. , Ajayi, I.O. , Morhason-Bello, I.O. , **Adeniji-sofoluwe, A.T.** , Huo, D. , Olopade, O.I. and Ojengbede, O.A. (2018). Profile Of Women With Breast Disorders In Pregnancy And Lactation And Additional Investigation Uptake and (Ed). 6th Global Summit On International Breast Health And Cancer Control. : American Society of Clinical Oncology Alexandria : *Americial Society of Clinical Oncologists*. 30s pp. (United States Of America) (Contribution : 40%).

d. **Patents and Copyrights: Nil**

e. **Articles that have already appeared in learned journals:**

5. Obajimi, M.O. , Akute, O.O. , Afolabi, A.O. , Adenipekun, A.A. , Oluwasola, A.O. , Akang, E.E.U. , Joel, R.U. , **Adeniji-sofoluwe, A.T.** , Olopade, F. , Newstead,G. , Schmitt,R. and Sennett,C. (2005). BIRADS Lexicon, an urgent call for the standardization of breast ultrasound in Nigeria..*Annals of Ibadan Postgraduate Medicine* Vol.3.No.1:82-88pp (Nigeria) (Contribution : 20%)
6. Salako, B.L. , Atalabi, O.M. , Amusat, A.M. and **Adeniji-sofoluwe, A.T.** (2006). Renal length, packed cell volume and biochemical parameters in subjects with chronic renal failure: preliminary report. .*Tropical Journal of Nephrology* Vol.1.No.2:99-102pp (Nigeria) (Contribution : 20%)
7. Obajimi, M.O. , Atalabi, M.O. , Ogbole, G.I. , **Adeniji-sofoluwe, A.T.** , Agunloye, A.M. , Adekanmi, A.J. , Osuagwu, Y.U. , Olarinoye, S.A. , Olusola-Bello, M.A. , Ogunseinde, A.O. , Aken'Ova, Y.A. and Adewole, I.F. (2008). Abdominal ultrasonography in HIV/AIDS patients in South Western Nigeria..*BMC Medical*

Imaging Vol.8.No.5:pp (United Kingdom) (Contribution : 25%)

8. Ebruke, E.B. , Tongo, O.O. , **Adeniji-sofoluwe, A.T.** , Orimadegun, B.E. , Obajimi, M.O. and Akinyinka, O.O. (2009). Intracranial Ventricular Sizes and Correlates in Term Nigerian Infants at Birth and Six Weeks. *The Internet Journal of Pediatrics and Neonatology* Vol.11.No.1:1-14pp (United States Of America) (Contribution : 30%)
9. Ogunbosi, B.O. , Ebruke, E.B. , **Sofoluwe, A. T.** , Akinbami, F.O. , Salami, M.A. , Obajimi, M.O. , Falade, A.G. and Adebo, O.A. (2009). Infected bronchogenic cyst simulating Acute Severe Exacerbation of Bronchial Asthma..*Afr. Ann. Thorac. Cardiovasc. Surg.* Vol.4.No.1:24-27pp (Cote D'Ivoire) (Contribution : 20%)
10. Ogundiran, T.O. , Ayandipo, O.O. , **Adeniji-sofoluwe, A.T.** , Ogun, G.O. , Oyewole, O. and Ademola, A.F. (2011). Gossypiboma: complete Trans mural migration of retained surgical sponge causing small bowel obstruction..*BMJ case reports* Vol..No.0:pp (United Kingdom) (Contribution : 25%)
11. **Adeniji-sofoluwe, A.T.** and Afolabi, O. (2011). Mondor's disease: classical imaging findings in the breast..*BMJ case reports* Vol..No.0:pp (United Kingdom) (Contribution : 80%)
12. **Adeniji-sofoluwe, A.T.** and Adeleye, A.O. (2011). Intracerebral Arteriovenous Malformation: Diagnosis of a Case with Computerized Tomography Imaging. *African Journal of Neurological Sciences* Vol.30.No.1:60-65pp (Cote D'Ivoire) (Contribution : 80%)
13. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Oluwasola, A.O. , Adedokun, B.O. , Soyemi, T.O , Olopade, O.I. and Newstead, G. (2011). Mammographic Breast Pattern in Nigerian Women in Ibadan, Nigeria. *Breast Disease* Vol.33.No.1:9-12pp (United States Of America) (Contribution : 30%)
14. Adekanmi, A.J. , Morhason- Bello, I.O. , Atalabi, O.M. , Adedokun, B.O. , **Adeniji-sofoluwe, A.T.** and Marinho, A.O. (2012). Misconception about Ultrasound among Nigerian Women attending specialist and tertiary health institutions in Ibadan..*Tropical Journal of Obstetrics and Gynaecology* Vol.29.No.2:71-76pp (Nigeria) (Contribution : 20%)
15. Obajimi, M.O. , Ajayi, I.O. , Oluwasola, A.O. , Adedokun, B.O. , **Adeniji-sofoluwe, A.T.** , Mosuro, O.A. , Akingbola, T.S. , Bassey, O.S. , Umeh, E. , Soyemi, T.O. , Adegoke, F. , Ogungbade, I. , Ukaigwe, C. and Olopade, O.I. (2013). Level of awareness of mammography among women attending outpatient clinics in a teaching hospital in Ibadan, South-West Nigeria..*BMC Public Health* Vol.13.No.40:2-7pp (United States Of America) (Contribution : 20%)
16. Obajimi, M.O. , Ogbole, G.I. , **Adeniji-sofoluwe, A.T.** , Adeleye, A.O. , Elumelu T.N. , Oluwasola, A.O. and Akute, O. O. (2013). Cranial computed tomographic evaluation in Nigerian women with metastatic breast cancer..*Nigeria Medical Journal* Vol.54.No.2:123-128pp (Nigeria) (Contribution : 25%)
17. **Adeniji-sofoluwe, A.T.** , Obajimi, M.O. , Oluwasola, A.O. and Soyemi, T.O. (2013). Mammographic Parasitic Calcifications in South West Nigeria..*The Pan African Medical Journal* Vol.15.No.126:pp (Kenya) (Contribution : 60%)
18. **Adeniji-sofoluwe, A.T.** and Hafiz, A. (2014). Aortic and Left Pulmonary Artery Dilatation: An Unusual cause Of a Left Hilar Mass and Lung Collapse. *The Pan African Medical Journal* Vol.18.No.130:pp (Kenya) (Contribution : 80%)

19. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Adedokun, B.O. , Soyemi, T.O. and Bassey, O.S. (2014). Sonographic Breast Pattern in Women in Ibadan, Nigeria.*Annals of African Medicine* Vol.13.No.4:145-150pp (Nigeria) (Contribution : 50%)
20. **Adeniji-sofoluwe, A.T.** (2014). Central Nervous System Toxoplasmosis In Human Immuno Deficiency Virus Infection: Imaging Findings.*Journal of HIV and Human Reproduction* Vol.2.No.2:62-64pp (Nigeria) (Contribution : 100%)
21. **Adeniji-sofoluwe, A.T.** , Obajimi, G.O. and Obajimi, M.O. (2015). Pregnancy Related Breast Diseases in a developing African country: Initial Sonographic Evaluation..*The Pan African Medical Journal* Vol.20.No.239:pp (Kenya) (Contribution : 70%)
22. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Soyemi, T.O. , Oluwasola, A.O. , Afolabi, A.O. , Adeoye, A.O. , Adedokun, B.O., Mosuro, O.A., Elumelu, T.N., Bassey, O.S. , Osofundiya, O.O. , Abayomi, O. , Olusunmade, D. and Ukaigwe, C. (2015). Ultrasound Guided Core Biopsy of Breast Lesions in Ibadan: Our Initial Experience..*Journal of Clinical Sciences* Vol.12.No.1:3-8pp (Nigeria) (Contribution : 50%)
23. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Oluwasola, A.O. , Adedokun, B.O. , Mosuro, O.A. , Adeoye, A.O. , Elumelu, T.N. , Soyemi, T.O. , Osofundiya, O.O. and Bassey, O.S. (2015). Screening Mammography in Ibadan; Our Experience..*Nigerian Journal of Basic Clinical Sciences* Vol.12.No.2:74-80pp (Nigeria) (Contribution : 50%)
24. **Adeniji-sofoluwe, A.T.** , Obajimi, M.O. and Olusunmade, D. (2015). Mammographic Calcifications in Women in Ibadan South-West Nigeria – A 7- Year Review..*West African Journal of Radiology* Vol.22.No.2:76-81pp (Nigeria) (Contribution : 70%)
25. Umeh, E. , **Adeniji-sofoluwe, A.T.** , Adekanmi, A.J. and Atalabi, O.M. (2015). Normal Sonographic Dimensions for Liver, Spleen and Kidneys in healthy South West Nigerian Children-A pilot study. .*West African Journal of Ultrasound* Vol.16.No.1:1-7pp (Nigeria) (Contribution : 40%)
26. **Adeniji-sofoluwe, A.T.** , Ukaigwe, C. E. and Obajimi, M.O. (2015). Diagnostic Mammography in Women in Ibadan: Common Indications and Findings..*Nigerian Journal of Family Practice* Vol.6.No.1:23-27pp (Nigeria) (Contribution : 70%)
27. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Adeoye, A.O. , Obajimi, G.O. , jani,M.A. , Adejumo, P.O. and Akinwunmi,O.M. (2015). Bilateral breast cancer among three Yoruba Women in a Nigerian teaching hospital. .*BJR Case Reports* Vol.1.No.1:1-6pp (United Kingdom) (Contribution : 50%)
28. Ayandipo, O.O. , Abdurrazzaq, A. I. , Ogun, G.O. , **Adeniji-sofoluwe, A.T.** , Ademola, A. F. and Ogundiran, T.O. (2015). Case reports of adult colo-colonic intussusception..*African Journal Medicine and Medical Sciences* Vol.44.No.1:95-99pp (Nigeria) (Contribution : 25%)
29. Oluwasola, A.O. , Adeoye, A.O. , Afolabi, A.O. , **Adeniji-sofoluwe, A.T.** , Salami, A.A. , Ajani, M.A. , Ogundiran, T.O. and Obajimi, M.O. (2015). Diagnostic accuracy of tru-cut biopsy of breast lumps at University College Hospital, Ibadan..*African Journal of Medicine and Medical Sciences* Vol.44.No.2:157-162pp (Nigeria) (Contribution : 20%)
30. Adekanmi, A.J. , **Adeniji-sofoluwe, A.T.** and Obajimi, M.O. (2015). Computed tomographic pattern of traumatic head injury at a tertiary hospital in Ibadan, South Western Nigeria: A 10 year review..*Tropical Journal of trauma* Vol.4.No.0:45-50pp

(Nigeria) (Contribution : 70%)

31. Atalabi, M.O. , **Adeniji-sofoluwe, A.T.** and Aremu I.O. (2015). Sonographic Evaluation of Testicular Volume In Neonates In Ibadan, Nigeria..*Journal of the West African College of Surgeons* Vol.5.No.4:41-59pp (Nigeria) (Contribution : 70%)
32. Bassey O.S. , Soyemi T.O. , **Adeniji-sofoluwe, A.T.** , Adeoye, A.O. , Mosuro, O.A. , Akingbola, T.S. , Osofundiya, O.O. , Obajimi, G.O. , Oluwasola, A.O. , Obajimi, M.O. and Olopade O.I. (2016). Mammographic Breast Pattern in Postmenopausal Women in Ibadan, South-Western Nigeria..*British Journal of Medicine and Medical Science* Vol.17.No.3:1-10pp (United Kingdom) (Contribution : 25%)
33. Ajayi, I.O. , Ogunbode, A.M. , **Adeniji-sofoluwe, A.T.** , Mosuro, O.A. , Ladipo, M.M-A. , Oluwasola, A.O. , Afolabi, N.B. and Obajimi, M.O. (2016). Pattern of breast cancer risk factors among pre and post-menopausal women at a Primary Care Clinic in Nigeria. .*Tropical Journal of Obstetrics and Gynaecology* Vol..No.33:220-227pp (Nigeria) (Contribution : 25%)
34. Sigbeku, O.F. , Kolude, B.M. , **Adeniji-sofoluwe, A.T.** and Adeosun, A.A. (2016). Multi detector computerized Tomography scans aid in the staging of Head and Neck Cancers..*Brazilian J. Oral Sciences* Vol.15.No.4:273-279pp (Brazil) (Contribution : 30%)
35. Williams, C.O. , **Adeniji-sofoluwe, A.T.** and Jibiri, N.N. (2017). Evaluation of mean glandular dose and assessment of the risk of radiation induced carcinogenesis in women following screening mammography in a low resource setting. .*Journal of Radiation Research and Applied Sciences* Vol..No.0:pp (Egypt) (Contribution : 70%)
36. **Adeniji-sofoluwe, A.T.** , Ogunleye, O.A. and Okolo, C.A. (2017). MRI evaluation of diffuse subcutaneous neurofibroma of the lower limb in a low resource setting..*British Journal of Radiology Case Reports* Vol..No.0:pp (United Kingdom) (Contribution : 70%)
37. **Adeniji-sofoluwe, A.T.** , Adekanmi, A.J. and Efidi, R. (2017). Imaging Findings in Chest Computed Tomography: Initial Experience in a Developing Country. .*Open Journal of Clinical Diagnostics* Vol.7.No.0:113-123pp (Belarus) (Contribution : 70%)
38. Hafiz, A. , **Adeniji-sofoluwe, A.T.** , Ademola, A.F. and Obajimi, M.O. (2018). Sonographic evaluation of axillary lymph nodes in women with newly diagnosed breast cancer at the university college hospital Ibadan, Nigeria..*Nigerian Postgraduate Medical Journal* Vol..No.25:79-86pp (Nigeria) (Contribution : 60%)
39. **Adeniji-sofoluwe, A.T.** and Adekanmi, A.J. (2017). Cranial Ultrasound in neonates, infants, and children: A 5-year clinico- Radiological audit of utility and neuro sonographic pathologies in a tertiary institution in Southwest Nigeria. .*West African Journal of Ultrasound* Vol.18.No.2:50-58pp (Nigeria) (Contribution : 80%)
40. Wang, S. , Ogundiran, T. , Ademola, A. , Oluwasola, A.O. , Adeoye, A. , **Sofoluwe, A.** , Morhason-Bello, I. , Odedina, S. , Agwai, I. , Adebamowo, C. , Obajimi, M. , Ojengbede, O. , Olopade, O.I. and Huo D. (2018). Development of a Breast Cancer Risk Prediction Model for Women in Nigeria..*Cancer Epidemiology Biomarkers Prevention* Vol.27.No.6:636-643pp (United States Of America) (Contribution : 20%)
41. Adekanmi, A.J. , **Adeniji-sofoluwe, A.T.** , Obajimi, G.O. and Okafor,E. (2018). A 10-Year Review of Ultrasonographic Findings of Scrotal Diseases in Ibadan, South Western, Nigeria..*African Journal of Medical and Health Science* Vol.17.No.0:60-65pp (Nigeria) (Contribution : 60%)

42. Odedina, S.O. , Ajayi, I.O. , **Adeniji-sofoluwe, A.T.** , Morhason-Bello, I.O. , Huo, D. , Olopade, O.I. and Ojengbede, O.A. (2018). A longitudinal study of the prevalence and characteristics of breast disorders detected by clinical breast examination during pregnancy and six months postpartum in Ibadan, South western Nigeria..*BMC Women Health* Vol.152.No.0:2-11pp (United Kingdom) (Contribution : 40%)
43. *Obajimi, G.O. , Smart A. , Adekanmi, A.J. , **Adeniji-sofoluwe, A.T.** and Jinadu, F.O. (2019). Correlation between Transabdominal ultrasound features of ectopic gestation and surgical findings at the university college hospital, Ibadan: a preliminary review..*Tropical Journal of Obstetrics and Gynaecology* Vol.36.No.2:265-270pp (Nigeria) (Contribution : 30%)
44. *Jarrett, O.O. , Lawal, T.A. , Esan, O.B. , **Adeniji-sofoluwe, A.T.** and Olayemi, O. (2019). The Advent of A DSD Team at a Major Teaching Hospital in Nigeria: An Initial Experience in Patient Management. *Journal of Neonatal Research and Paediatric Care*. Vol.2.No.1:1-5pp (United States Of America) (Contribution : 35%)
45. *Ntekim, A.I. , Ibraheem, A. , **Adeniji-sofoluwe, A.T.** , Kotila, O. , Babalola, C. , Karrison, T. and Olopade, C.O. (2020). ARETTA: Assessing Response to Neoadjuvant Taxotere and Subcutaneous Trastuzumab in Nigerian Women With HER2-Positive Breast Cancer : A Study Protocol..*Journal of Global Oncology* Vol.6.No.0:983-990pp (United States Of America) (Contribution : 40%)
46. *Adekanmi, A.J. , Ogun, O.A. , **Adeniji-sofoluwe, A.T.** and Obajimi, M.O. (2020). A 5-year review of ultrasonographic evaluation of ocular diseases at the University College Hospital Ibadan, South-West, Nigeria..*Annals of Ibadan Postgraduate Medicine* Vol.18.No.2:100-107pp (Nigeria) (Contribution : 35%)
47. *Ntekim, A.I. , Ibraheem A. , **Adeniji-sofoluwe, A.T.** , Adepoju T. , Oluwasanu M. , Aniagwu T. , Awolude O. , Balogun W. , Kotila O. , Adejumo P. , Babalola C.P. , Arinola G. , Ojengbede O. , Olopade C.O. and Olopade O.I. (2020). Implementing oncology clinical trials in Nigeria: a model for capacity building..*BMC Health Services Research* Vol.20.No.713:1-9pp (United Kingdom) (Contribution : 40%)
48. *Bassey, O. S. , Aghahowa, M. E. , Esomonu, S. N. , **Adeniji-sofoluwe, A.T.** , Nnabuchi, C. V. , Aluko-Olokun, O. A. and Awodu, C. S. (2020). Pattern of Mammography Utilization by Women Attending Asokoro District Hospital, Abuja, Nigeria..*Journal of the West African College of Surgeons* Vol.10.No.3:30-35pp (Nigeria) (Contribution : 35%)
49. *Lynch, K.A. , Omisore A.D. , Atkinson T.M. , Famurewa O.C. , Vera J.A. , Kingham T.P. , Alatisé O.I. , Hricak H. , Morris E.A. , Sutton E.J. , the African Research Group for Oncology Collaborative-Patel K. , Egberongbe A. , Iloanusi N. , **Adeniji-sofoluwe, A.T.** , Omidiji O. , Jinadu F. , Akinola A. , Obajimi M. , Zainab Mustapha Z. , Yolanda Bryce Y. , Olasehinde O. , Mango V. , Romanoff A. , MD , Odujoko O. , Edelweiss M. , Ntiamoah P. , Ayoola O.O. , Lauren A. Koranteng L.A. and Barton-Burke M. (2020). Multistakeholder Needs Assessment to Inform the Development of an mHealth-Based Ultrasound-Guided Breast Biopsy Training Program in Nigeria..*Journal of Global Oncology* Vol.6.No.0:1813-1823pp (United States Of America) (Contribution : 20%)
50. *Adeyinka, A.O. , Adenigba, P.T. , Adekanmi, A.J. , **Adeniji-sofoluwe, A.T.** , Osobu, B.E. and Oke, T.O. (2021). A rare case of preperitoneal abscess in a Nigerian female: ultrasound diagnosis and percutaneous catheter drainage..*Annals of Ibadan Postgraduate Medicine* Vol.19.No.1:82-86pp (Nigeria) (Contribution : 30%)

f. **Books, Chapters in Books and Articles already accepted for Publication: Nil**

g. **Technical Reports and Monographs:**

51. Anderson, B. , Cabanes, A. , Olateju, A. , Black, D.M. , Ginsburg, O. , Oneko, O. , Parham G. , **Adeniji-sofoluwe, A.T.** and Zujewski J.A. (2010). National Guidelines for Early Diagnosis of Breast Cancer and Referral for Treatment.. The Ministry of Health, Community Development, Gender, Elderly and Children.: . 1-49pp. ISBN: (Tanzania) (Contribution : 35%)

h. **Chapters in Edited Books/Revised Chapters in Edited Books: Nil**

XI. Major Conferences Attended with Papers Read (in the last 5 years):

1. San Antonio Breast Cancer Symposium , Cancer Therapy & Research Center (CTRC) at UT Health Science Center San Antonio and the American Association for Cancer Research (AACR), San Antonio, United States of America . 6-10 December 2016.
2. 11th International Conference on Cancer in Africa. Making Strides; Creating Solutions, African Organization for Research and Training in Cancer. , kigali, Rwanda . 7th -10th November 2017.

Paper Read: Harnessing Technology to Leapfrog in Breast Cancer Diagnosis and Management

3. 60th Annual Meeting and Scientific Conference, West African College of Surgeons, Abuja, Nigeria . 17th-20th February 2020.

XII. Ten Best Publications that Reflect the Totality of my Contributions to Scholarship:

1. **Adeniji-sofoluwe, A.T.** , Obajimi, M.O. , Oluwasola, A.O. and Soyemi, T.O. (2013). Mammographic Parasitic Calcifications in South West Nigeria., The Pan african Medical Journal Vol. 15.126. pp (Kenya) (Contribution : 60%)
2. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Adedokun, B.O. , Soyemi, T.O. and Bassey, O.S. (2014). Sonographic Breast Pattern in Women in Ibadan, Nigeria, Annals of african Medicine Vol. 13.4. pp 145-150 (Nigeria) (Contribution : 50%)
3. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Soyemi, T.O. , Oluwasola, A.O. , Afolabi, A.O. , Adeoye, A.O. , Adedokun, B.O., Mosuro, O.A., Elumelu, T.N., Bassey, O.S. , Osofundiya, O.O. , Abayomi, O. , Olusunmade, D. and Ukaigwe, C. (2015). Ultrasound Guided Core Biopsy of Breast Lesions in Ibadan: Our Initial Experience., Journal of Clinical Sciences Vol. 12.1. pp 3-8 (Nigeria) (Contribution : 50%)
4. Obajimi, M.O. , **Adeniji-sofoluwe, A.T.** , Oluwasola, A.O. , Adedokun, B.O. , Mosuro, O.A. , Adeoye, A.O. , Elumelu, T.N. , Soyemi, T.O. , Osofundiya, O.O. and Bassey, O.S. (2015). Screening Mammography in Ibadan; Our Experience., Nigerian Journal of Basic Clinical Sciences Vol. 12.2. pp 74-80 (Nigeria) (Contribution : 50%)
5. **Adeniji-sofoluwe, A.T.** , Obajimi, M.O. and Olusunmade, D. (2015). Mammographic Calcifications in Women in Ibadan South-West Nigeria – A 7- Year Review., West african Journal of Radiology Vol. 22.2. pp 76-81 (Nigeria) (Contribution : 70%)
6. Williams, C.O. , **Adeniji-sofoluwe, A.T.** and Jibiri, N.N. (2017). Evaluation of mean glandular dose and assessment of the risk of radiation induced carcinogenesis in women following screening mammography in a low resource setting., Journal of Radiation Research and applied Sciences Vol. .0. pp (Egypt) (Contribution : 70%)
7. Hafiz, A. , **Adeniji-sofoluwe, A.T.** , Ademola, A.F. and Obajimi, M.O. (2018). Sonographic evaluation of axillary lymph nodes in women with newly diagnosed breast cancer at the university college hospital Ibadan, Nigeria., Nigerian Postgraduate Medical Journal Vol. .25. pp 79-86 (Nigeria) (Contribution : 60%)
8. Wang, S. , Ogundiran, T. , Ademola, A. , Oluwasola, A.O. , Adeoye, A. , **Sofoluwe, A.** , Morhason-Bello, I. , Odedina, S. , Agwai, I. , Adebamowo, C. , Obajimi, M. , Ojengbede, O. , Olopade, O.I. and Huo D. (2018). Development of a Breast Cancer Risk Prediction Model for Women in Nigeria., Cancer Epidemiology Biomarkers Prevention Vol. 27.6. pp 636-643 (United States Of America) (Contribution : 20%)
9. Ntekim, A.I. , Ibraheem, A. , **Adeniji-sofoluwe, A.T.** , Kotila, O. , Babalola, C. , Karrison, T. and Olopade, C.O. (2020). ARETTA: Assessing Response to Neoadjuvant Taxotere and Subcutaneous Trastuzumab in Nigerian Women With HER2-Positive Breast Cancer : A Study Protocol, Journal of Global oncology Vol. 6.0. pp 983-990 (United States Of America) (Contribution : 40%)
10. Ntekim, A.I. , Ibraheem A. , **Adeniji-sofoluwe, A.T.** , Adepoju T. , Oluwasanu M. , Aniagwu T. , Awolude O. , Balogun W. , Kotila O. , Adejumo P. , Babalola C.P. , Arinola G. , Ojengbede O. , Olopade C.O. and Olopade O.I. (2020). Implementing oncology clinical trials in Nigeria: a model for capacity building., BMC Health Services Research Vol. 20.713. pp 1-9 (United Kingdom) (Contribution : 40%)

Research Focus :

My research focus is on Breast imaging and Breast Radiology. My decision to focus on this emerging sub-specialty in sub-Saharan Africa was made early in my academic career, evidenced by greater than 50% of my presentations and papers in this field (publications 2-5, 11,13, 15-17,19,21-24,26-27, 29, 32-33, 35,39-40, 42, 45, 47-49,51). The uptake of Breast cancer screening in Nigeria is poor because of lacking equipment, centers and policies that facilitate screening practices as was documented in our study, hence the need to intensify advocacy for breast cancer screening. My team is interested in the discovery of possible biomarkers for early breast cancer detection in the Nigerian population; as such we have received institutional funding to evaluate DNA methylation profiles (EMPiRiC) in breast cancer cases. The mean glandular dose provides the best indicator of risk to patients undertaking mammographic examinations; MGD was calculated in a local study and found to be less than the minimum recommended dose. Therefore, this work addresses an area often overlooked but of some concern in women. A detailed study of mammographic calcifications encountered in the breasts of Nigerian women was extensively described to educate radiologist to offer appropriate follow-up and management plans. Similarly, the article on parasitic calcifications (Benign) frequently demonstrated on mammograms in our environment and a source of anxiety for many women was published to increase diagnostic vigilance, prevent unnecessary biopsies, anxiety and diagnostic work-up. In collaboration with a team of experts, Ministries of health, NGOs; a technical document was put together on breast cancer screening guidelines for the Republic of Tanzania; approved for implementation in early 2018. Axillary lymph node status of patients with breast cancer is important in surgical management and prognosis. Our work revealed that clinical staging complimented by sonographic evaluation of the breast and the axilla improved staging of the disease. In addition, the accuracy and benefit of image guided biopsy was also emphasized in another landmark study in Nigeria. Breast density is a high risk indicator and pioneer studies that evaluated breast density patterns on mammography and ultrasound were conducted by my team and institution. Peculiar risk factors for breast cancer in African women led to the development of a breast cancer risk assessment tool 'bcrisktool'; specifically designed for the Nigerian population. The tool is promising and is the first breast cancer risk prediction model for Africans to identify at risk women. Currently, the tool is being deployed in a funded community-based study for validation. My membership of the Ibadan multidisciplinary breast cancer tumour board; the Nigerian breast cancer and genomics study group in my institution has facilitated both local and international collaborative research in Nigerian women with breast cancer with successful completion of a phase 2 clinical trial (ARETTA) and several others soon to commence. Now, I am Co-PI on several multicenter projects on Data Science, AI and breast cancer imaging and diagnosis in Nigeria using deep learning methods and machine learning algorithms. My industry collaborations are yielding benefits as well with my team in the process of developing an indigenously made breast biopsy device to address availability and cost issues.

Dr. Adenike .T ADENIJI-SOFOLUWE

Names



Signature